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PATENT 0512-1276

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Marc THEVENOT et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed April 25, 2005

Examiner

MULTIPLE-BEAM ANTENNA WITH PHOTONIC BANDGAP MATERIAL

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

April 25, 2005

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this paper.

Remarks begin on page 8 of this paper.

An $\ensuremath{\mathbf{Appendix}}$ is attached following the signature page of this paper.